

ABSTRACT

Piling due to ink, paper fibers and/or clay fillers occurs frequently during an offset printing process, resulting in the deterioration in print quality and lost manual time due to the necessity to clean the equipment. It has been experimentally found that small quantities of certain high molecular weight polyethylene oxide polymers can alleviate this serious problem. However, the overall effectiveness will depend on the concentration of the total make-up of component in the fountain solution.